

ABSTRACT

Type II photo-initiators interact with co-initiating agents to initiate polymerization in ethylenically unsaturated resins when exposed to irradiation. In the current invention, said photo-initiators are bound to the surface or synthesized on the surface of ceramic particles or bulk bodies, forming a complex which is multifunctional with respect to the type II photo-initiating capability. The mixture of said photo-initiator in said monomer/co-initiator mixture will demonstrate a low level of elution of initiator species from the cured polymer in liquid media.